DEPARTMENT OF TRANSPORTATION HAWAII STATE TRANSPORTATION PLAN

Mission: To facilitate the safe, economic, efficient, and convenient movement of people and goods.

HSTP CODE	DESCRIPTION OF GOALS	HSTP CODE	DESCRIPTION OF OBJECTIVES
	BILITY AND ACCESSIBIL		
		G101	Objective 1: To preserve, maintain, and improve the transportation system infrastructure and facilities. A. Improve connectivity of the transportation system. B. Increase capacity. C. Pursue the maintenance and rehabilitation of the transportation system. D. Ensure provision of essential operations and facilities.
G1	Goal 1: Achieve an integrated multi-modal transportation system that provides mobility	G102	Objective 2: To increase the effiency of the transportation system operations. A. Enhance intermodal connectivity. B. Employ strategies to reduce transportation demand. C. Enhance performance of the transportation system.
	and accessibility for people and goods.	G103	Objective 3: To promote alternative transportation mode choice. A. Provide a reasonable level and variety of public transit services that adequately meet statewide and community needs. B. Provide affordable, viable alternatives that are convenient and accessible. C. Promote pedestrian and cyclists safety.
		G104	Objective 4: To reduce congestion and delay. A. Increase capacity. B. Employ strategies to reduce transportation demand.
SAF	ETY AND SECURITY		Objective 4. To subsect the sofety of the temporalistic content
G2	Goal 2: Ensure the safety and security of	G201	Objective 1: To enhance the safety of the transportation system. A. Promote safe facilities and infrastructure. B. Promote the safe use of the transportation systems.
02	transportation systems.	G202	Objective 2: To ensure the secure operation and use of the transportation system. A. Employ various safety and security measures as required. B. Utilize law enforcement at problem locations.
EN\	/IRONMENT AND QUALIT	Y OF LIFE	
G3	Goal 3: Protect and enhance the	G301	Objective 1: To provide a transportation system, that is environmentally compatible and sensitive to cultural and natural resources. A. Provide facilities and infrastructure that are environmentally friendly. B. Manage and operate the transportation system in an environmentally responsible manner. C. Support environmentally responsible programs and activities.
GS	environment and improve the quality of life.	G302	Objective 2: To ensure that the transportation system supports comprehensive land use policies and livability in urban and rural areas. A. Provide a transporation system that supports and enhances quality of life. B. Encourage the use of non-motorized transportation modes. C. Minimize disruption of existing neighborhoods due to transportation.
ECC	DNOMIC DEVELOPMENT		S. Milliande Goldpan, G. G. Grand, G.
G4	Goal 4: Support Hawaii's economic	G401	Objective 1: To provide and operate a transportation system to accommodate existing and emerging economic developments and opportunities. A. Provide a direct, convenient, and physically suitable system for goods movement to transportation facilities and commercial and industrial areas. B. To promote efficient and cost effective operations of the transportation system.
	vitality.	G402	Objective 2: To provide a transportation system that balances the need for economic development with quality of life issues. A. Make transportation investments that reflect each islands scale and foster the quality of life of the people who live there. B. Target transportation investments in coordination with community involvement.
INT	EGRATED STATEWIDE P	LANNING,	PROGRAMMING, AND DECISION-MAKING
	Goal 5: Achieve a Statewide Planning	G501	Objective 1: To improve coordination and cooperation between all levels of government, the private sector, and the general public. A. Supports and conducts the Statewide Transportation Planning Process. B. Improve communication between all levels of government, the private sector, and the general public. C. Integrate approved policies, programs, and plans from all levels of government.
G5	Process that is comprehensive, cooperative, and	G502	Objective 2: To involve the public and stakeholders to the fullest practicable extent in the planning and implementation of the transportation system. A. Develop programs to ensure opportunity for public and stakeholders' involvement. B. Ensure responsiveness to public concerns.
	continuing.	G503	Objective 3: To develop and maintain a transportation financial structure that provides adequate and dependable resources. A. Optimize all possible financial resources. B. Develop an ongoing comprehensive financial program.

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	and accessibility for people and goods.	G103	Objective 3: To promote alternative transportation mode choice. A. Provide a reasonable level and variety of public transit services that adequately meet statewide and community needs. B. Provide affordable, viable alternatives that are convenient and accessible. C. Promote pedestrian and cyclists safety.
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SAF	ETY AND SECURITY		Objective 4. To subsect the sofety of the temporalistic content
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02	transportation systems.	G202	Objective 2: To ensure the secure operation and use of the transportation system. A. Employ various safety and security measures as required. B. Utilize law enforcement at problem locations.
EN\	/IRONMENT AND QUALIT	Y OF LIFE	
G3	Goal 3: Protect and enhance the	G301	Objective 1: To provide a transportation system, that is environmentally compatible and sensitive to cultural and natural resources. A. Provide facilities and infrastructure that are environmentally friendly. B. Manage and operate the transportation system in an environmentally responsible manner. C. Support environmentally responsible programs and activities.
GS	environment and improve the quality of life.	G302	Objective 2: To ensure that the transportation system supports comprehensive land use policies and livability in urban and rural areas. A. Provide a transporation system that supports and enhances quality of life. B. Encourage the use of non-motorized transportation modes. C. Minimize disruption of existing neighborhoods due to transportation.
ECC	DNOMIC DEVELOPMENT		S. Milliande Goldpan, G. G. Grand, G.
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	vitality.	G402	Objective 2: To provide a transportation system that balances the need for economic development with quality of life issues. A. Make transportation investments that reflect each islands scale and foster the quality of life of the people who live there. B. Target transportation investments in coordination with community involvement.
INT	EGRATED STATEWIDE P	LANNING,	PROGRAMMING, AND DECISION-MAKING
	Goal 5: Achieve a Statewide Planning	G501	Objective 1: To improve coordination and cooperation between all levels of government, the private sector, and the general public. A. Supports and conducts the Statewide Transportation Planning Process. B. Improve communication between all levels of government, the private sector, and the general public. C. Integrate approved policies, programs, and plans from all levels of government.
G5	Process that is comprehensive, cooperative, and	G502	Objective 2: To involve the public and stakeholders to the fullest practicable extent in the planning and implementation of the transportation system. A. Develop programs to ensure opportunity for public and stakeholders' involvement. B. Ensure responsiveness to public concerns.
	continuing.	G503	Objective 3: To develop and maintain a transportation financial structure that provides adequate and dependable resources. A. Optimize all possible financial resources. B. Develop an ongoing comprehensive financial program.

Click here to access the Proposed P	FY 15-18(+2) STIP Revision #8 document	: nttps://nido	t.nawaii.gov/nignwa	iys/files/2017/01/	170112-15-18-R8	-KED	-Processea.pa	T			
Projects that add capacity to the highway system, such as: - new highway projects - widening projects (additional capacity) - second access projects - ITS projects	Project Description	Congestion Management System Yes: Project identified through a Congestion Management System process No: Project did not result from a Congestion Management System process	Highway Safety Improvement Program Yes: Project identified through DOT's Highway Safety Improvement Program or County Safety Improvement Program No: Project did not result from DOT's Highway Safety Improvement Program or County Safety Improvement Program or	Cost Participation rivate industry funding has been secured d: Private industry funding is anticipated Ooes not include other financial Nement (i.e. private industry)	roject Stage ing or Design has already een completed ning or Design is almost complete oroplect has not yet begun Signal Warrants	roject meets the criteria in fic Signal Warrants	Gap Closure? Does this project close a gap or connect missing links in a route? Mandated? Required by federal, state, or municipal laws, regulations or codes?	resses at least one -21 Planning Factor?	onal T Plans	HSTP Goals and Objectives Code	2015-2018 STIP Revision #8
STATEWIDE - FHWA											
S25. Statewide Freight Study	This effort will develop a freight plan as required by FAST. The plan will be developed in consultation with freight stakeholders and will include identification of existing conditions and needs and development of a freight investment plan that includes a list of priority projects.	N	N	L	L	N/A	N Y	Y	N	G201, G301-2,	Defer and inflate PLN from \$400K in FFY 2016 to \$408K in FFY 2017 since a contract has not yet been executed.

- bik - lan	sportation enhancement projects, such as: eway projects dscaping projects destrian facilities projects	Project Description	Hawaii Statewide Enhancement Program Is the project classified as "Potentially Fundable" for use of Transportation Enhancement funds by the Hawaii Procedures for TE Projects?	Cost Participation High: Private industry funding has been secured Med: Private industry funding is anticipated Low: Does not include other financial involvement (i.e. private industry)	Project Stage High: Planning or Design has already been completed Med: Planning or Design is almost complete Low: The project has not yet begun	Gap Closure? Does this project close a gap or connect missing links in a route?	Mandated? Required by federal, state, or municipal laws, regulations or codes?	Addresses at least one MAP-21 Planning Factor?	Listed in Regional Transportation Plans	HSTP Goals and Objectives Code	2015-2018 STIP Revision #8
	STATEWIDE - FHWA										
S10.	SNIPP - Statewide Noxious Invasive Pest Program	Operation of the Statewide Noxious Invasive Pest Program.	N	L	М	N	N	Υ	Z	G301,	Defer and inflate OPR from \$3.03M in FFY 2017 to \$3.09M in FFY 2018 since previous funding is still available.

Tr su - I - I I	ansit-related projects, ch as: Preventative maintenance Bus replacements Intermodal centers Transit centers Bus radios New transit service	Project Description	Maintains Existing System Does it maintain and operate existing fixed route bus and complementary paratransit system?	Completes Multi-Phase Project Does it complete a multi-phase project that has started?	Enhances Hub-and-Spoke System Does it enhance system performance through implementation of hub-and- spoke system?	Enhances Safety and Security Does it enhance safety/security of passengers and the system and enhances service quality level?	New Transit Service	Local Match in Year 1 Budget	sible in Budget	Addresses at least one MAP-21 Planning Factor?	Listed in Regional Transportation Plans	HSTP Goals and Objectives Code	2015-2018 STIP Revision #8
	STATEWIDE - FTA												
S22		FTA Statewide Planning (Section 5304). Funds will be utilized for short range transit plans and civil right studies.	Y	N	Y	Y	N	Υ	Y	Y	N	G301-2,	Increase FFY 2017 funds due to combining of multiple year funds.

Click here to access the Proposed FFY 15-18(+2) STIP Revision #8 document: https://hidot.hawaii.gov/highways/files/2017/01/170112-15-18-R8-RED-Processed.pdf Regional ITS ecture Consistency Pavement Survey (City) Pavement Management System (State) Local Match Available? Bridge Replacement Program (State) ∞ಶ Addresses MAP-21 Planning Factor(s)? Bridge Inspection 8 Appraisal (City) Consistency Cost Participation **HSTP Goals and** Objectives Code Transit Friendly? 2015-2018 STIP SYSTEM PRESERVATION **Project Description** Revision #8 Stage Ready-to-Go? Gap Closure? **PROJECTS** (TIP Revision #13) Mandated? Roadway P Condition Project ORTP OAHU: STATE - FHWA System maintenance of highway bridges and Delete \$5M of ADVCON in FFY pavements. Work may include bridge and/or 2017 for Farrington Hwy pavement reconstruction, resurfacing, G101-3, Resurfacing, Kili St to Satellite Bridge and Pavement Improvement Proj. Υ Υ G301-2, Tracking Station, MP 14.1 to MP OS1. restoration, rehabilitation and/or preservation. Н N/A Н N/A Н Ν Ν N/A Program, Oahu 505 The specific projects listed represent backup G401 19.5 since it was fully funded items or potential projects to be federally funded (\$16M total; \$12.8M federal-aid) in the event federal monies become available. in FFY 2016. (A.3.) Split CON to show use of re-G101-2. Kamehameha Highway (Route 83), ourposed earmarks: \$2.5M total G201-2, Proj. Υ Υ OS53. Bridge Replacement, Hoolapa Replace the existing bridge. Н N/A N/A Ν Ν Ν N/A using NHPP funds and \$2M total 506 G301-2. Stream (Nanahu) Bridge using re-purposed earmarks. G401 (A.8.)

Ν

M

N/A

Υ

Υ

Redistribute ADVCON for

G301-2, \$14.76 to \$8.76; for ADVCON in

FFY 2018 from \$20.4M to

G101-3, for CON in FFY 2017 from

Proj.

506

G401

Υ

financial constraint--Federal-aid

\$19.4M; and for ADVCON in FFY

2019 from \$11M to \$18M. (A.3.)

Н

N/A

N/A

Pali Highway (Route 61)

Improvements, Vinevard Blvd

Ph 1 - Lighting entire length.

Resurf. Waokanaka St to

Kamehameha Hwy

(Route 98) Kamehameha Highway

Resurfacing & Lighting

OS62. (Route 83)

Scope of work includes but is not limited to cold

planing, resurfacing, reconstruction of

of signs and pavement markings.

weakened pavement, installation of new

highway lighting, construction of concrete

median barriers, replacement of quardrails in-

guardrails, installing bridge rails, and installation

kind and end treatments, installation of new

	SAFETY PROJECTS	Project Description	Strategic Highway Safety Plan	Highway Safety Improvement Program	Rockfall Protection Study (State)	Cost Participation	Project Stage	Gap Closure?	Mandated?	Transit Friendly?	Oahu Regional ITS Architecture Consistency	Addresses MAP-21 Planning Factor(s)?	Local Match Available?	Ready-to-Go?	ORTP Consistency	HSTP Goals and Objectives Code	2015-2018 STIP Revision #8 (TIP Revision #13)
OS61	Kamehameha Highway (Route 83) Realignment, Vicinity of Kawailoa Beach	Realign a portion of Kamehameha Highway, on the North Shore. The project proposes to construct a realignment of Kamehameha Highway, from Haleiwa to the vicinity of Waimea Bay to address safety issues that revolve around use of the beach.	L	Н	N/A	L	L	N	N	N	N/A	Y	Υ	Y	Proj.5 52	G101-3, G201-2, G301-2, G401	Use ADVCON for financial constraint: in FFY 2017, reduce federal-aid from \$2.272M to \$0 for PE2 and add ADVCON with \$2.272M of federal-aid in FFY 2018; in FFY 2017, reduce federal-aid from \$800K to \$0 for ROW and add ADVCON with \$800K of federal-aid in FFY 2018. (A.3.)
OC1	Alapaii Transportation Management Center	The transportation management center will be a joint communication center to be built next to the Alapai Transit Center. The center will facilitate active traffic management through co-location and information sharing by City and State traffic management operations and the City's emergency response agencies.	N/A	N/A	N/A	L	Н	N/A	N	Υ	Υ	Υ	Υ	Y	Proj.8 51	G101-3, G201-2, G301-2, G401	Request to delete ADVCON from FFY 2017; reprogram OC 2, OC 10 and HDOT funds (A.9). All CON funds obligated in FFY 2016 (A.5)
OC8.	Traffic Improvements at Various Locations	Provide traffic congestion relief and improve traffic safety at various locations, including but not limited to Palolo, Village Park, and Kupuna Loop areas; Kalaheo Avenue/Kailua Road; Dillingham Boulevard; and Waiakamilo Road. Other locations are to be determined.	L	L	N/A	L	L	Y	N	N	N/A	Y	Y	Y	Proj.5 04	G101-3, G201-2, G301, G401	Request to defer and inflate Village Park/Kupuna Loop CON and INSP from FFY 2017 to FFY 2018 (A.2); shift from Federal to Local funding (A.9)

Click	here to access the Prop	posed FFY 15-18(+2) STIP Revision #8 document: http:	s://hid	lot.ha	waii.g	ov/hig	jhway	s/files	/2017	<i>(</i> 01/17	0112-	15-18-	R8-RE	D-Pro	cesse	ed.pdf			
	GESTION MITIGATION PROJECTS	Project Description	Congestion Management Process	Highway Safety Improvement Program	Travel Time or Delay Analysis	Project Location	Cost Participation	Project Stage	Traffic Signal Warrants	Gap Closure?	Mandated?	Transit Friendly?	Oahu Regional ITS Architecture Consistency	Addresses MAP-21 Planning Factor(s)?	Local Match Available?	Ready-to-Go?	ORTP Consistency	HSTP Goals and Objectives Code	2015-2018 STIP Revision #8 (TIP Revision #13)
	OAHU: STATE - FHWA																		
OS58.		Develop top Short Term Capacity/Congestion improvements identified in the Final H-1 Corridor Improvement Study	L	L	N/A	TBD	L	L	N/A	Ν	Ν	TBD	TBD	Υ	Υ	Υ	Proj.5	G104, G201, G302,	Use ADVCON for financial constraint: in FFY 2017, reduce federal-aid from \$1.6M to \$0 and in FFY 2018, add ADVCON with \$1.6M federal-aid. (A.3.)
OS56.	Interstate Route H-1, Eastbound, Vineyard	Scope includes, but is not limited to: Installation of a traffic signal and curb ramps at the intersection of Lusitana Street and Lauhala Street; installation of a right turn only lane from Lusitana Street onto the Vineyard Boulevard On-Ramp to the H-1 Freeway in the eastbound direction; relocation of existing highway lighting, drainage, water, electric, fiber optic, telephone, cable tv, and gas systems; installation of a glare screen along Kinau Street in vicinity of Kinau Off-Ramp; and installation of pavement markings and signing.	N/A	L	N/A	M	Н	M	Υ	N	Υ	N	N/A	Υ	Y	Υ	Proj. 506	G101-2, G104,	Defer and inflate (by 2%) CON from \$4.08M in FFY 2016 to \$4.162M in FFY 2017. Funds could not be obligated in FFY 2016 due to a delay with obtaining a utility agreement. Only local funds are inflated since federal funds use discretionary monies. (A.2.)

	MODERNIZATION PROJECTS	Project Description	Congestion Management Process	Highway Safety Improvement Program	Travel Time or Delay Analysis	Project Location	Cost Participation	Project Stage	Gap Closure?	Mandated?	Transit Friendly?	Oahu Regional ITS Architecture Consistency	Addresses MAP-21 Planning Factor(s)?	Local Match Available?	Ready-to-Go?	ORTP Consistency	HSTP Goals and Objectives Code	2015-2018 STIP Revision #8 (TIP Revision #13)
OS17.	Interstate Route H-1, Kapolei Interchange	Phase 2 and Phase 3 will complete the construction of the Wakea Street Separation and its associated ramps. Phase 3 4 and 4 5 will complete the ultimate buildout of the Kapolei IC Complex including the completion of Palailai and Makakilo Interchanges.	Н	L	Н	Н	M	M	N	N	N	N/A	Υ	Υ	Y	Proj. 204	G101-2, G104, G201-2, G302, G401	Redistribute Phase 2 ADVCON from \$9.977M to \$3M in FFY 2016 and \$10M to \$15M in FFY 2017 to reflect anticipated cashflow. (A.3.)
OS63.	Traffic Counting Stations at Various Locations, Oahu.	Construction of traffic counting stations for traffic data gathering and planning purposes. There is a separate phase shown for the rest of the islands in Statewide section of the STIP. This is a part of phase 2 of the Statewide project. The project will collect required Highway Performance Monitoring System (HPMS) data.	N/A	N/A	N/A	N/A	٦	N/A	N/A	Y	N/A	TBD	Υ	Y	Y	Proj. 2	G101-2,	Use ADVCCON for financial constraint: in FFY 2017, reduce federal-aid from \$2M to \$0 and add ADVCON with \$2M of federal-aid in FFY 2018. (A.3.)
	CITY & COUNTY OF HON	IOLULU - FHWA																
OC7.		Construct an extension of Makakilo Drive from the Palehua Subdivision to the H-1 Freeway.	N/A	N/A	Н	M	L	M	Y	N	N	N/A	Y	Y	Y	Proj. 210	G101-4, G201-2, G302, G401, G502	Request to defer and inflate PE2 (A.2)

	ENHANCEMENT PROJECTS	Project Description F HONOLULU - FHWA	Enhancement Program	Non-Enhancement Funding	Cost Participation	Project Stage	Gap Closure?	Mandated?	Transit Friendly?	Oahu Regional ITS Architecture Consistency	Addresses MAP-21 Planning Factor(s)?	Local Match Available?	Ready-to-Go?	ORTP Consistency	HSTP Goals and Objectives Code	2015-2018 STIP Revision #8 (TIP Revision #13)
ос	Transportation	Combined with the statewide portion, ~\$2.4 million/year The Transportation Alternatives Program (TAP) is a competitive grant program that provides funding for programs and projects defined as transportation	N	Y	L	М	N	Ν	Ν	N/A	Y	Y	Υ	Proj. 101	G301-2, G401,	Request to add projects to group listings with funding remaining within policy guidelines (A.5) Phase 4 - Purchase of Bike Share Stations and Bikes (EQP \$1.254M total) Phase 3 - Haleiwa Road Multi-Use Path (PE1 \$225K total) Phase 5 - Transit Oriented Development Wayfinding Master Plan (PE1 \$170K total) Phase 2 - Date Street Bikeway Bridge (PE1 \$400K total) Phase 1 - HART Chinatown Bike Facility (PE2/CON \$250K total)

Click here to access the Proposed FFY 15-18(+2) STIP Revision #8 document: https://hidot.hawaii.gov/highways/files/2017/01/170112-15-18-R8-RED-Processed.pdf Oahu Regional ITS Architecture Consistency ocal Match Available? Human Services Transportation Plan Addresses MAP-21 Planning Factor(s)? **ORTP** Consistency **Participation** HSTP Goals and Objectives Code **Transit Friendly? HUMAN SERVICES** 2015-2018 STIP **TRANSPORTATION Project Description** Revision #8 Ready-to-Go? Stage **PROGRAMS** (TIP Revision #13) Mandated? **Project CITY & COUNTY OF HONOLULU - FTA** G101-4. G201-2, Establish selected human service agencies as transportation Proj. G301-2, Request to shift from Federal Υ Agency-Provided Trips providers serving their own clients who currently ride Н Ν Υ Υ Ν N/A OC12. to Local funding (A.9) 601 G402, TheHandi-Van, and provide operating funds for the service. G501, G503 G101-4. G201-2, To maintain and expand shuttle services between Kalaeloa Request to shift from Federal Proj. G301-2, OC17. Local Shuttle Service homeless shelter sites and the Kapolei Transit Center to Н Ν Ν N/A Υ to Local funding in FFYs 2017 G402, 601 through 2020 (A.9) address transportation needs of low income persons. G501. G503 G101-4, G201-2, Request to defer and inflate Improve access to transportation for people with disabilities, (A.2); shift from Federal to Mobility Management Proj. G301-2, OC19. seniors, and people with low incomes by coordinating transit Н Ν Ν N/A Υ Υ Local funding in FFYs 2017

PLN-Planning, PE1-Preliminary Design, PE2-Final Design, PREROW-Preliminary Rights-of-Way, ROW-Rights-of-Way, CON-Construction, ADVCON-Advance Construction, INSP-Inspection, EQP-Equipment, OPR-Operations, RELOC-Relocation FFY-Federal Fiscal Year

Center

and human service transportation.

601

G402.

G501,

G503

through 2020 (A.9)

Click here to access the Proposed FFY 15-18(+2) STIP Revision #8 document: https://hidot.hawaii.gov/highways/files/2017/01/170112-15-18-R8-RED-Processed.pdf Project Match Probable In Years 4 Budget Security Budget **MAP-21 Planning** Goals and Objectives Maintains Existing System Enhances Hub-and Spoke System Consistency **Multi-Phase** ocal Match Available? Local Match In Year 1 Safety and New Transit Service 2015-2018 STIP Oahu Regional ITS ORTP Consistency **TRANSIT PROJECTS Project Description** Revision #8 Ready-to-Go? (TIP Revision #13) Architecture Addresses I Factor(s)? Completes **Enhances** Local I 2,3 or 4 HSTP Code **CITY & COUNTY OF HONOLULU - FTA** Public Transit Division staff attendance at training Proj. OC24. Capital Training N/A N/A N/A N/A N/A N/A Υ G103 N/A N/A Request to raise costs (A.11) 605 workshops offered by the National Transit Institute. Plan, design and construct a fixed guideway system G101-4. between East Kapolei and Ala Moana Center. The G201-2, Honolulu Rail Transit system includes stations and related appurtenances, Proj. Request to move FFY 2016 costs G301-2, OC16. N/A Υ Υ Υ Υ Υ Υ Project park-and-ride facilities, a maintenance and storage 852 to FFY 2017, no inflation (A.2) G401, facility, light metro vehicles and associated core G502 systems. G101-4. G201-2, Transit Safety and Capital projects at various transit locations to improve Proi OC21 N/A Ν Υ Υ N/A Υ Request to raise costs (A.11) Security Projects 605 G301-2, safety and security G401

Cli	k here to access the Proposed FFY 15-18(+2)) STIP Revision #8 document: https://h	iidot.hawaii.gov/highways	s/files/2017/01/170112-15-18	-R8-RED-Proces	sed.pdf						
in - - - : - : - : Ca	ojects that upgrade and protect infrastructure estments, such as: avement resurfacing projects rainage projects treet light pole replacement projects affic sign projects oadway upgrade projects (no additional bacity) atelligent Transportation System (ITS)	Project Description	Bridge Assessment and Replacement Programs Ves: Project identified through DOT's Bridge Replacement Program, Honolulu's Bridge Inspection & Appraisal process or other bridge programming system No: Project did not result from DOT's Bridge Replacement Program, Honolulu's Bridge Inspection & Appraisal process or other bridge programming system	Pavement Management Programs Yes: Project identified through DOT's Pavement Management System, Honolulu's Roadway Pavement Condition Survey or other pavement evaluation system No: Project did not result from DOT's Pavement Management System, Honolulu's Roadway Pavement Condition Survey or other pavement evaluation system	Cost Participation High: Private industry funding has been secured Med: Private industry funding is anticipated Low: Does not include other financial involvement (i.e. private industry)	Project Stage High: Planning or Design has already been completed Med: Planning or Design is almost complete Low: The project has not yet begun	Gap Closure? Does this project close a gap or connect missing links in a route?	Mandated (Required by federal, state, or municipal laws, regulations or codes?	Addresses at least one MAP-21 Planning Factor?	Listed in Regional Transportation Plans	HSTP Goals and Objectives Code	2015-2018 STIP Revision #8
	HAWAII: STATE - FHWA											
HS	Mamalahoa Highway (Route 11), Hilea Bridge Replacement	Replace existing bridge.	Υ	N	L	L	N	N	Υ	N	G101-2, G201-2, G301-2, G401	Advance \$7.5M of CON from FFY 2019 to FFY 2017 to meet commitment with Central Federal Lands (CFL) and to system preservation priority.
HS2	Mamalahoa Highway (Route 11), Ninole Stream Bridge Replacement	Replace existing bridge.	Y	N	L	L	N	N	Y	N	G201-2, G301-2,	Advance \$7M of CON from FFY 2019 to FFY 2017 to meet commitment with Central Federal Lands (CFL) and to system preservation priority. Separate \$7M of CON to show use of \$1.5M in Re-purposed Earmarks (add new funding category).
HS	Queen Kaahumanu Highway (Route 19), 3. Resurfacing and Intersection Improvements, Vicinity of Kekaha Kai State Park	Resurface road and replace pavement markings, widen Kekaha Kai State Park intersection, extend drainage culverts and replace signs.	N	Υ	L	L	N	N	Y	N	G101-2, G201-2	Change CON funding from NHPP to Re-purposed Earmarks with \$800K in federal funds for FFY 2018 and \$4M in ADVCON in FFY 2019.
	COUNTY OF HAWAII - FHWA											
нс	Alii Drive (Route 186) Culvert Replacement	Replace existing culvert with a new concrete bridge.	Y	N	L	L	N	N	Y	N	G201-2, G301-2, G401	Defer and inflate CON from \$12.075M in FFY 2017 to \$12.32M in FFY 2018 since Section 106, 401 permit and 404 permit will not be ready in time to obligate CON in FFY 2017.

	Proje sites - gua - roc - stre - em	cts that mitigate high accident and hazardous such as: rdrail and shoulder improvement projects (fall and slope stabilization projects et light pole replacement projects ergency telephone projects lligent Transportation System (ITS)	Project Description	Highway Safety Improvement	Yes: Project identified through DOT's Highway Safety Improvement Program or County Safety Improvement Program No: Project did not result from DOT's	Highway Safety Improvement Program or County Safety Improvement Program	Rockfall Protection Study Yes: Project identified through DOT's Rockfall Protection Study No: Project did not result from DOT's Rockfall Protection Study	Cost Participation High: Private industry funding has been secured Med: Private industry funding is anticipated Low: Does not include other financial involvement (i.e. private industry)	Project Stage High: Planning or Design has already been completed Med: Planning or Design is almost complete	Low: The project has not yet begun Gap Closure?	Does this project close a gap or connect missing links in a route?	Mandated? Required by federal, state, or municipal laws, regulations or codes?	Addresses at least one MAP-21 Planning Factor?	Listed in Regional Transportation Plans	HSTP Goals and Objectives Code	2015-2018 STIP Revision #8
		COUNTY OF HAWAII - FHWA														
ŀ	HC7.	Waianuenue Avenue (Route 2720) Improvments, Rainbow Drive to Akolea Road	Provide roadway improvements to include bike lanes and pedestrian walkways along Waianuenue Avenue from Rainbow Drive to Akolea Road.		N		N	L	L		N	N	Υ	N		Defer and inflate ROW from \$255K in FFY 2017 to \$265K in FFY 2019 since a PE contract has not been executed yet. ROW details are unknown and cannot proceed.

Proje high such - traf - ope	fic signal modernization projects erational improvement projects projects	Project Description	Congestion Management System Yes: Project identified through a Congestion Management System process	Project did not result fror on Management System	Highway Safety Improvement Program Yes: Project identified through DOT's Highway Safety Improvement Program or County Safety Improvement Program No: Project did not result from DOT's Highway Safety Improvement Program or County Safety Improvement Program or	Cost Participation High: Private industry funding has been secured Med: Private industry funding is anticipated Low: Does not include other financial involvement (i.e. private industry)	Project Stage High: Planning or Design has already been completed Med: Planning or Design is almost complete	Traffic Signal Warrants Traffic signal project meets the criteria in the Traffic Signal Warrants	Gap Closure? Does this project close a gap or connect missing links in a route?	Mandated? Required by federal, state, or municipal laws, regulations or codes?	Addresses at least one MAP-21 Planning Factor?	Listed in Regional Transportation Plans	HSTP Goals and Objectives Code	2015-2018 STIP Revision #8
	COUNTY OF HAWAII - FHWA													
HC4.	Kawailani Street (Route 2760) Improvements, Vicinity of Kanoelani Street to Vicinity of Kuhilani Street, Phase 2B	Phase 1 includes intersection improvements at Pohakulani, Ainaloa and Iwalani. Phase 2 work includes roadway widening and reconstruction; constructing retaining walls and drainage improvements; street light and traffic signal systems; utility relocations; and installing concrete curbs, gutters, sidewalks, and curb ramps.	N		N	L	М	Y	N	N	Y	N	G101-4, G201-2, G302, G401, G502	

Proje high - nev - wid capa - sec	ects that add capacity to the vay system, such as: highway projects ening projects (additional city) ond access projects projects	Project Description	Congestion Management System Yes: Project identified through a Congestion Management System process No: Project did not result from a Congestion Management System process	Highway Safety Improvement Program Yes: Project identified through DOT's Highway Safety Improvement Program or County Safety Improvement Program No: Project did not result from DOT's Highway Safety Improvement Program or County Safety Improvement Program or	Cost Participation High: Private industry funding has been secured Med: Private industry funding is anticipated Low: Does not include other financial involvement (i.e. private industry)	Project Stage High: Planning or Design has already been completed Med: Planning or Design is almost complete Low: The project has not vet begun	Traffic Signal Warrants Traffic signal project meets the criteria in the Traffic Signal Warrants	Gap Closure? Does this project close a gap or connect missing links in a route?	Mandated? Required by federal, state, or municipal laws, regulations or codes?	Addresses at least one MAP-21 Planning Factor?	Listed in Regional Transportation Plans	HSTP Goals and Objectives Code	2015-2018 STIP Revision #8
	COUNTY OF HAWAII - FHWA												
HC6.		To widen and provide left-turn pockets for thirteen (13) intersections along the Mamalahoa Highway; and related roadway improvements, including approach/taper lane widening and adjustments.	Y	2	L	L	Z	Z	N	Y	N	G201-2, G301-2, G401,	Advance \$11.08M of CON from FFY 2018 to FFY 2017 since the project is being expedited to replace HC1. Scope to be scaled back to fit available funds.

Trai suc - Pr - Bu - Int - Trai	nsit-related projects, n as: eventative maintenance is replacements ermodal centers ansit centers is radios ew transit service	Project Description	System System Does it maintain and operate existing fixed route bus and complementary paratransit system?	Completes Multi-Phase Project Does it complete a multi- phase project that has started?	Enhances Hub-and-Spoke System Does it enhance system performance through implementation of hub-and- spoke system?	Enhances Safety and Security Does it enhance safety/security of passengers and the system and enhances service quality level?	New Transit Service	Local Match in Year 1 Budget	Local Match Possible in Years 2, 3 or 4 Budget	Addresses at least one MAP-21 Planning Factor?	Listed in Regional Transportation Plans	HSTP Goals and Objectives Code	2015-2018 STIP Revision #8
HC9.	Rural Transportation Program	Operate public transit system.	Y	Y	Y	Y	Υ	Υ	Y	Y	N	G101-3, G201-2, G301-2, G401	Revise funding category

CII	ck here to access the Proposed FFT 15-16	(+2) STIP Revision #8 document: https://hidot.h	awaii.gov/nignways/nies/	2017/01/170112-13-16-R6-R	ED-Flocesseu.p	ui						
ir C	Projects that upgrade and protect infrastructure investments, such as: pavement resurfacing projects bridge projects drainage projects street light pole replacement projects traffic sign projects roadway upgrade projects (no additional apacity) Intelligent Transportation System (ITS)	Project Description	Bridge Assessment and Replacement Programs Yes: Project identified through DOT's Bridge Replacement Program, Honolulu's Bridge Inspection & Appraisal process or other bridge programming system No: Project did not result from DOT's Bridge Replacement Program, Honolulu's Bridge Inspection & Appraisal process or other bridge programming system	Pavement Management Programs Yes: Project identified through DOT's Pavement Management System, Honolulu's Roadway Pavement Condition Survey or other pavement evaluation system No. Project did not result from DOT's Pavement Management System, Honolulu's Roadway Pavement Condition Survey or other pavement evaluation system	Cost Participation High: Private industry funding has been secured Med: Private industry funding is anticipated Low: Does not include other financial involvement (i.e. private industry)	Project Stage High: Planning or Design has already been completed Med: Planning or Design is almost complete Low: The project has not yet begun	Gap Closure? Does this project close a gap or connect missing links in a route?	Mandated? Required by federal, state, or municipal laws, regulations or codes?	Addresses at least one MAP-21 Planning Factor?	Listed in Regional Transportation Plans	HSTP Goals and Objectives Code	2015-2018 STIP Revision #8
	COUNTY OF MAUI - FHWA											
MC	Waipuilani Road (Route 3170), MP 0-MP C31. 0.6 Lipoa Road (Route 3160), MP 0-MP 0.6 and Welakahaa Road (Route 3150), MP 0-	The scope of work involves reconstructing designated sections of the existing roadway pavement; resurfacing the remaining areas of roadway pavement; adjusting existing manholes, valves, and street monuments; providing pavement striping and markings; and replacing existing signage.	N	Υ	L	М	N	N	Y	N	G101-2, G201-2, G301, G401	Increase CON in FFY 2017 from \$7.3M to \$7.8M to reflect current cost estimate.

Transportation enhancement projects, such as: - bikeway projects - landscaping projects - pedestrian facilities projects	Project Description	Hawaii Statewide Enhancement Program Is the project classified as "Potentially Fundable" for use of Transportation Enhancement funds by the Hawaii Procedures for TE Projects?	Cost Participation High: Private industry funding has been secured Med: Private industry funding is anticipated Low: Does not include other financial involvement (i.e. private industry)	Project Stage High: Planning or Design has already been completed Med: Planning or Design is almost complete Low: The project has not yet begun	Gap Closure? Does this project close a gap or connect missing links in a route?	Mandated? Required by federal, state, or municipal laws, regulations or codes?	Addresses at least one MAP-21 Planning Factor?	Listed in Regional Transportation Plans	HSTP Goals and Objectives Code	2015-2018 STIP Revision #8
COUNTY OF MAUI - FHWA										
North Shore Greenway, Phase IV, Hana Highw MC24. (Route 36, MP 5.28-MP 6.11) from Ulupua Stre to Baldwin Park		N	L	L	N	N	Y	N		Defer and inflate CON from \$1.75M in FFY 2016 to \$1.785M in FFY 2017 due to complications with a Use and Occupancy Agreement, environmental permitting, and rights-of-way.

Tran such - Pre - Bus - Inte - Tra - Bus	sit-related projects, as: eventative maintenance is replacements ermodal centers insit centers is radios w transit service	Project Description	tem in and operate route bus and ry paratransit em?	Completes Multi-Phase Project Does it complete a multi- phase project that has started?	Enhances Hub-and-Spoke System Does it enhance system performance through implementation of hub-and- spoke system?	Enhances Safety and Security Does it enhance safety/security of passengers and the system and enhances service quality level?	ervice	Local Match in Year 1 Budget	Local Match Possible in Years 2, 3 or 4 Budget	Addresses at least one MAP-21 Planning Factor?	Listed in Regional Transportation Plans	HSTP Goals and Objectives Code	2015-2018 STIP Revision #8
111/11(37	Rural Transportation Program	Operate public transit system.	Y	Υ	Y	Υ	Υ	Υ	Y	Υ	N	G101-3, G201-2, G301-2, G401	Revised funding category.
MC38.	Urbanized Area - Kahului	Capital purchases, operating costs and planning	Υ	N	N	Υ	N	N	Υ	Υ	Z		in FEV 2019 since future

		sed FFY 15-18(+2) STIP Revision #8 document	: https://nidot.nawaii.gov/	nignways/files/2017/01/170	112-15-18-R8-RE	:D-Processea	.par					
Proprofined Proproficed Propro	ects that upgrade and ect infrastructure stments, such as: vement resurfacing ects dge projects ainage projects eet light pole replacement ects ffic sign projects adway upgrade projects additional capacity) elligent Transportation tem (ITS)	Project Description	Bridge Assessment and Replacement Programs Yes: Project identified through DOT's Bridge Replacement Program, Honolulu's Bridge Inspection & Appraisal process or other bridge programming system No: Project did not result from DOT's Bridge Replacement Program, Honolulu's Bridge Inspection & Appraisal process or other bridge programming system	Pavement Management Programs Yes: Project identified through DOT's Pavement Management System, Honolulu's Roadway Pavement Condition Survey or other pavement evaluation system No: Project did not result from DOT's Pavement Management System, Honolulu's Roadway Pavement Condition Survey or other pavement evaluation system	Cost Participation High: Private industry funding has been secured Med: Private industry funding is anticipated Low: Does not indude other financial involvement (i.e. private industry)	Project Stage High: Planning or Design has already been completed Med: Planning or Design is almost complete Low: The project has not yet begun	Gap Closure? Does this project close a gap or connect missing links in a route?	Mandated? Required by federal, state, or municipal laws, regulations or codes?	Addresses at least one MAP-21 Planning Factor?	Listed in Regional Transportation Plans	HSTP Goals and Objectives Code	2015-2018 STIP Revision #8
KS5.	KAUAI: STATE - FHWA Kaumualii Highway (Route 50), Bridge Rehabilitation, Hanapepe Bridge Phase 1 - Detour Road Phase 2 - Bridge Work	Repair existing bridge substructure, incluiding the initiation of scour prevention measures to improve bridge footings.	Υ	N	L	L	N	N	Y	N	G201-2,	Advance and de-federalize \$20.5M of CON from FFY 2019 to FFY 2017 since only local funds will be used.
KC2.	Hanapepe Road (Route 545) Resurfacing	Resurface the entire length (5400 feet) of Hanapepe Road. Full depth reclaimation (FDR) technology will be used on this project whenever necessary to match existing adjacent facilities.	N	Y	L	L	N	N	Υ	N	G101-2, G201-2, G301, G401	Defer and decrease CON from \$3.12M in FFY 2017 to \$3M in FFY 2018 to reflect current cost estimate. Delete \$1M of Advanced construction reimbursement in FFY 2018 since it will be fully funded in FFY 2018.
KC6.	Opaekaa Bridge Rehabilitation	Repair or rehabilitate and strengthen the existing Opaekaa Stream Bridge by construction of new concrete abutments, concrete planks, and concrete deck; installation of a new bridge rails; and restoration of existing steel truss members.	Υ	N	L	М	N	N	Υ	N		Advance \$3.5M of CON from FFY 2018 to FFY 2017 since the project is anticipated to be ready for obligation this FFY.
KC9.	Puuopae Bridge Rehabilitation	Repair or rehabilitate and strengthen the existing Puuopae Bridge by performing the replacement of steel girders, construction of new concrete abutments, and installation of a new concrete deck and bridge rails.	Y	N	L	L	N	N	Y	N	G201-2, G301-2,	Defer and inflate CON from \$3.185M in FFY 2016 to \$3.249M in FFY 2017 since final design will not be ready this FFY.

	CIICK	here to access the Proposed FFY 15-18(+2) ${ t S}$	of the Revision #6 document: https://mdot.	nawan.gov/nignway:	S/IIIeS/2017/0	71/1/0112-15-16	-KO-KED-PIUU	esseu.p	ai				
	sites - gua - roc - stre - em	ects that mitigate high accident and hazardous, such as: ardrail and shoulder improvement projects kfall and slope stabilization projects eet light pole replacement projects ergency telephone projects elligent Transportation System (ITS)	Project Description	Highway Safety Improvement Program Yes: Project identified through DOT's Highway Safety Improvement Program or County Safety Improvement Program No: Project did not result from DOT's Highway Safety Improvement Program or County Safety Improvement Program or	Rockfall Protection Study Yes: Project identified through DOT's Rockfall Protection Study No: Project did not result from DOT's Rockfall Protection Study	Cost Participation High: Private industry funding has been secured Med: Private industry funding is anticipated Low: Does not include other financial involvement (i.e. private industry)	Project Stage High: Planning or Design has already been completed Med: Planning or Design is almost complete Low: The project has not yet begun	Sap Closu oject close a ing links in a	Mandated? Required by federal, state, or municipal laws, regulations or codes?	Addresses at least one MAP-21 Planning Factor?	Listed in Regional Transportation Plans	HSTP Goals and Objectives Code	2015-2018 STIP Revision #8
		KAUAI : STATE - FHWA											
	KS11.	Kuhio Highway (Route 56), Mailihuna Road Intersection Improvements and Kapaa Stream Bridge Rehabilitation Phase 1 - Detour Road Phase 2 - Bridge Work	Safety improvements at Mailihuna Road intersection and Kapaa Stream Bridge including guardrail upgrades, wider shoulders for pedestrians and bicycles. The bridge will be strengthened to accommodate present day vehicular modes.	N	N	L	L	N	N	Υ	N	G101-3, G201-2, G301, G401	Add new funding category and split \$12.8M of CON in FFY 2019 with \$9.375M of Re-purposed Earmarks and \$3.425M of NHPP funds.
ı		COUNTY OF KAUAI - FHWA											
	KC3.	Kawaihau Road (Route 5860), Hauaala Road (Route 5865), Mailihuna Road (Route 5870), Complete Street & Safety Improvements	Construction of roundabouts at Hauaala Rd (Route 5865)/Kawaihau Rd (Route 5860)/Mailihuna Rd (Route 5870) Intersection; Sidewalk and pedestrian crossing improvements on Kawaihau Rd (Route 5860); Sidewalk construction on Hauaala Rd (Route 5865) in the vicinity of Saint Catherine School; Roundabout at Kawaihau Rd (Route 5860)/Nunu Rd intersection; Sidewalk construction on Mailihuna Rd (Route 5870); Bus stop shelters on Kawaihau Rd (Route 5860).	N	Ν	L	L	N	N	Y	Y	G201-2,	Defer and inflate CON from \$3.06M in FFY 2017 to \$3.121M in FFY 2018 since a planning and design contract has not yet been executed.

Trar - bik - lan	ENHANCEMENT PROJECTS Insportation enhancement projects, such as: Eleway projects Indicating projects Indi	rojects, such as: Project Description		Cost Participation High: Private industry funding has been secured Med: Private industry funding is anticipated Low: Does not include other financial involvement (i.e. private industry)	Project Stage High: Planning or Design has already Deen completed Med: Planning or Design is almost complete Low: The project has not yet begun	Gap Closure? Does this project close a gap or connect missing links in a route?	Mandated? Required by federal, state, or municipal laws, regulations or codes?	Addresses at least one MAP-21 Planning Factor?	Listed in Regional Transportation Plans	HSTP Goals and Objectives Code	2015-2018 STIP Revision #8
KC4.	COUNTY OF KAUAI - FHWA Lydgate Park to Kapaa Bike/Pedestrian Path (Phase III of the Lihue-Anahola Coastal Bike Path, Bike Plan HI, April '94) Phase A-1 - Kawaihau Elevated Boardwalk, Papaloa Road to Uhelekawawa Canal Kawaihau Road to Gore Park Phases C & D	A shared-use path for pedestrians, bicyclists, and other users from Papaloa Road to Uhelekawawa Canal, a distance of approximately 1.2 miles. The bike/ped path will be 10 to 12 feet wide and allow movement in both directions.	Υ	L	Н	N	Υ	Y	N	G201-2, G301-2, G401-2,	For Phase C & DAdd \$400K for PE2 in FFY 2017 (100% federal). Add \$500K for ROW in FFY 2017 (100% federal). Defer and inflate CON from \$1.56M in FFY 2017 to \$1.591M in FFY 2018 due to pending Section 106.
KC7.	Poipu Road (Route 520) Multimodal Improvements Phase 1 - Lawai Rd to Keleka Rd Phase 2 - Koloa Rd to Lawai Rd	Construction of sidewalks and bike lanes; Intersection and pedestrian crossing improvements; Construction of a roundabout at Kiahuna Plantation Drive intersection and Ala Kinoiki; Construction of bus stop shelters; Construction of medians and landscaping	N	L	L	N	N	Υ	Y	G101-4, G201-2, G301-2,	Increase and split \$7.588 of CON in FFY 2018 to show Phase 1 - Lawai Rd to Keleka Rd CON in FFY 2018 for \$5M and Phase 2 - Koloa Rd to Lawai Rd CON in FFY 2019 for \$4M. The current cost estimate has increased significantly, therefore the decision was to phase the project to maintain financial constraint of federal and local budget.

Trai suc - Pr - Bu - Int - Tr - Bu	nsit-related projects, h as: eventative maintenance us replacements termodal centers ansit centers us radios ew transit service	Project Description	Maintains Existing System Does it maintain and operate existing fixed route bus and complementary paratransit system?	Completes Multi-Phase Project Does it complete a multi-phase project that has started?	Enhances Hub-and-Spoke System Does it enhance system performance through implementation of hub-and- spoke system?	Enhances Safety and Security Does it enhance safety/security of passengers and the system and enhances service quality level?	New Transit Service	Match in Year 1 Budget	sible in Budget	Addresses at least one MAP-21 Planning Factor?	Listed in Regional Transportation Plans	HSTP Goals and Objectives Code	2015-2018 STIP Revision #8
	COUNTY OF KAUAI - FT	<u>A</u>											
KC12	Rural Transportation Program	Operate public transit system.	Y	Y	Y	Υ	Y	Υ	Υ	Y	N		Revise funding category.